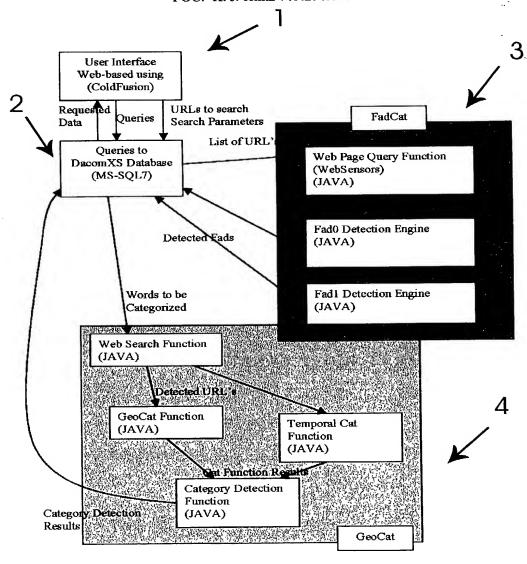
Title of Invention: Lexicon-based new idea detector

Inventor: Kenneth J. Hintz Application Number: 10/038,464 Confirmation Number: 7036 Docket Number:

POC: K. J. Hintz 703.250.0037

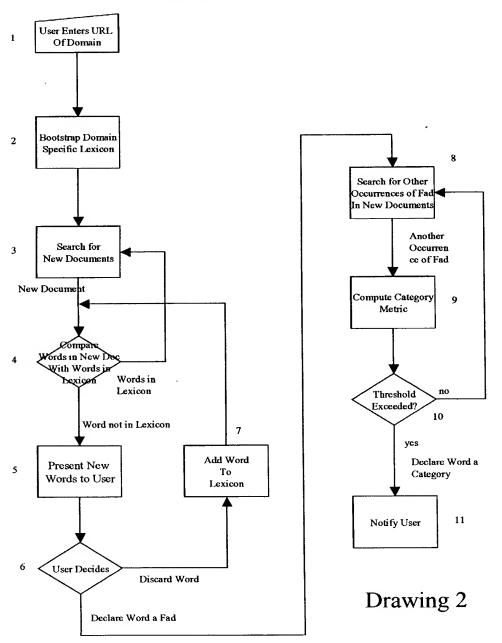


DRAWING 1

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Title of Invention: Lexicon-based new idea detector

Inventor: Kenneth J. Hintz Application Number: 10/038,464 Confirmation Number: 7036 Docket Number:

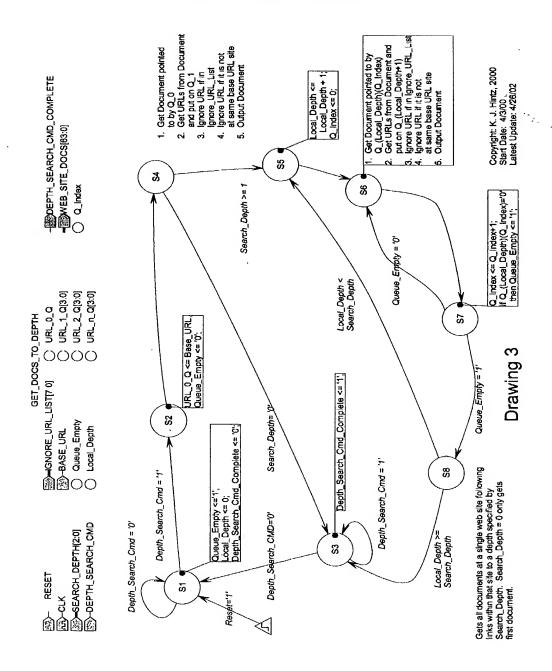


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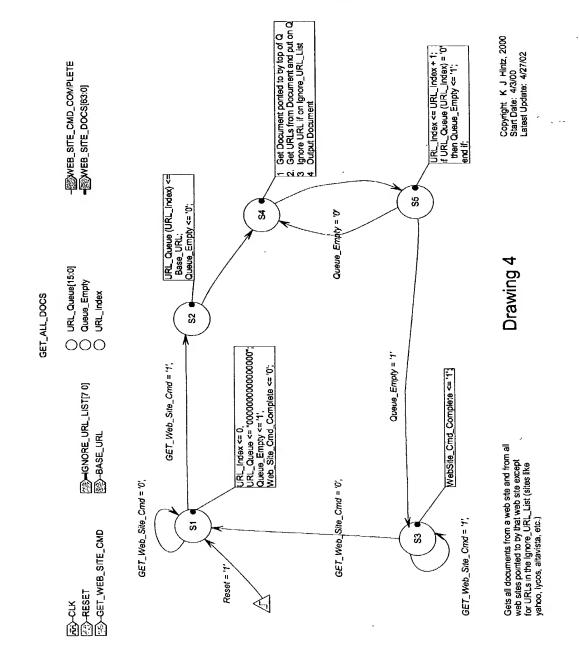
Title of Invention: Lexicon-based new idea detector

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POC: K. J. Hintz 703.250.0037

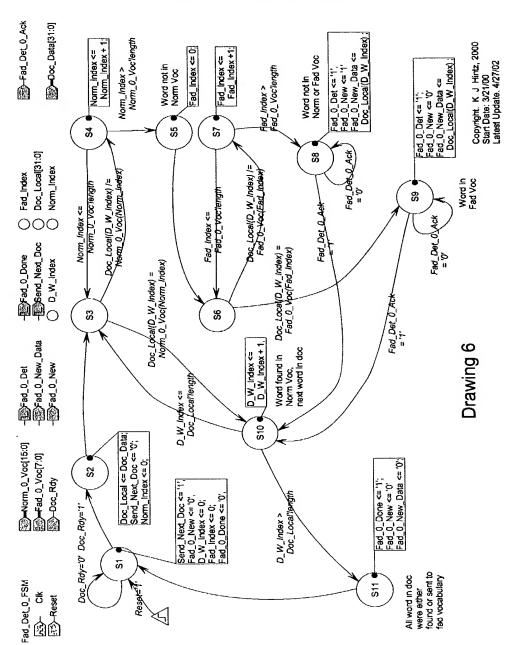
Copyright: K. J. Hintz, 2000 Start Date: 4/3/00 Latest Update: 4/27/02 WEW\_DOCS\_CMD\_COMPLETE If has value has changed, Output Document and update hash list Get Document pointed to by URL\_Q(Q\_Index)
Get URLs from Document at same base URL site Compare hash value of document to last hash and put on Queue Ignore URL if in Ignore\_URL\_List Ignore URL if it is not Q\_Index <= Q\_Index + 1;
if URL\_Q(Q\_Index) = '0'
then Queue\_Empty <= '1'; જ્ Drawing 5 SS URL\_Q[7:0]
Q\_Index
Queue\_Empty Queue\_Empty = '1' GET\_NEW\_DOCS URL\_Q(Q\_index) <= Base\_URL; Queue\_Empty <= '0';  $Queue\_Empty = '0'$ New\_Docs\_Cmd\_Complete <= '1'; 8 Queue\_Empty <= '1'; New\_Docs\_Cmd\_Complete <= '0'; Q\_Index <= 0; ∰—gnore\_URL\_Lst[7:0] ∰—BASE\_URL ∰—HASH\_LIST[7:0] New\_Docs\_Cmd = '1' Gets only those documents from one site which have changed since the last time they were accessed. Uses a list of document "hash" values stored by URL for later comparison Vew\_Docs\_Cmd = '1' New\_Docs\_Cmd = '0'  $New_Docs_Cmd = '0'$ 戀⟩-RESET 痧}-CLK ≫}-NEW\_DOCS\_CMD ၓ

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Title of Invention: Lexicon-based new idea detector

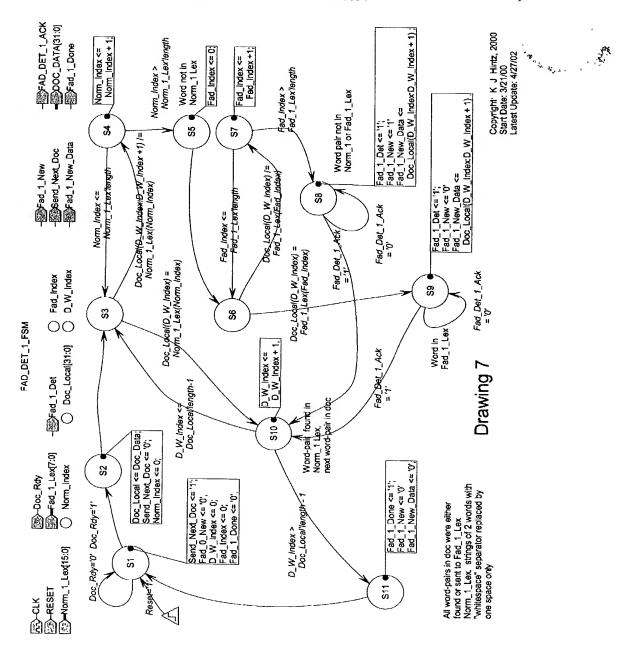
Inventor: Kenneth J. Hintz Application Number: 10/038,464 Confirmation Number: 7036 Docket Number:



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Title of Invention: Lexicon-based new idea detector

Inventor: Kenneth J. Hintz Application Number: 10/038,464 Confirmation Number: 7036 Docket Number:



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Inventor: Kenneth J. Hintz Application Number: 10/038,464 Confirmation Number: 7036 Docket Number:

